To: "Bukantis, Bob" [bbukantis@mt.gov]; onya Fish/R8/USEPA/US@EPA;Tina Laidlaw/MO/R8/USEPA/US@EPA;Ron Steg/MO/R8/USEPA/US@EPA[]; ina Laidlaw/MO/R8/USEPA/US@EPA;Ron Steg/MO/R8/USEPA/US@EPA[]; on Steg/MO/R8/USEPA/US@EPA[]
From: "Suplee, Mike"
Sent: Tue 2/12/2008 4:20:02 PM
Subject: Updated agenda for today's meeting 2/12/2008
Agenda2_Feb12_ntrnts.doc

Hi Everyone;

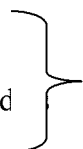Attached is an updated agenda that is more concise and orders the topic materials better for our discussion today.

Thanks, Mike

<u>__Updated Agenda for Meeting,, DEQ & EPA Region VIII — Numeric Nutrient__</u>
<u>__Standards__</u>

February 12, 2008, 2:00 pm
<u>Planned Attendance</u>:
        Michael Suplee
        Bob Bukantis (may arrive 2:30)
        Tonya Fish
        Ron Steg

1. Update on work & timeframes for numeric nutrient criteria mag, dur, freq (Suplee):
   a. *Magnitude*-what is driving the numbers I've generated
       i. Harm-to-use studies/evaluations   Reference
       ii.   Ecoregion-specific stressor-response stud   calibration
       iii.   Regional dose-response studies

   b. *Duration*-A time period over which exposure is to be averaged
       i. Seasonal application of nutrient standards
       ii.   Compliance averaging periods
          1. 303(d) listing purposes
          2. Permit compliance
   c. *Frequency*-How I am determining the proportion of the dataset that can exceed the criteria and still be considered meeting standards
       i. Consider Figure 1 and our current sampling frames (303d listing)
       ii.   CALM/other states approaches, Clark Fork analysis

2. Timeframe for White Paper (technical basis of criteria) (Suplee)
   a. Target date for completion
   b. List of potential academic reviewers
   c. Assembling/contacting reviewers (Tina)

3. Variance Issue-Can the criteria implementation process be crafted to minimize the need for variances (All)?
   a. Box 4 of flowchart
   b. Box 8 & 14 of flowchart
   c. Box 13 of flowchart

4. Overall timeline to rulemaking (i.e., projecting over next 24 months) (All)

5. Large river nutrient criteria-updates on Yellowstone River project (Suplee)

6. Set next meeting date/time, and draft agenda (All)

Figure 1. Four different stream reaches, each representing 1 sampling frame, showing the variety of sampling sites (hollow dots) that can typically be found along each. Across-time sampling at each dot is possible. We want to consider the selection of statistical tools and their assumptions relative to this sampling reality.

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